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(71) Applicant (for all designated States except US): TELE-FONAKTIEBOLAGET LM ERICSSON (publ) [SE/SE]; S-164 83 Stockholm (SE).

(72) Inventors; and
(75) Inventors/Applicants (for US only): LANDFELDT, Björn [SE/AU]; 23 Mayman Row, Menai, NSW 2234 (AU). SENEVIRATNE, Aruna [AU/AU]; 80 Bridge Street, Lane Cove, NSW 2066 (AU).

(74) Agent: AROS PATENT AB; P.O. Box 1544, S-751 45 Uppsala (SE).

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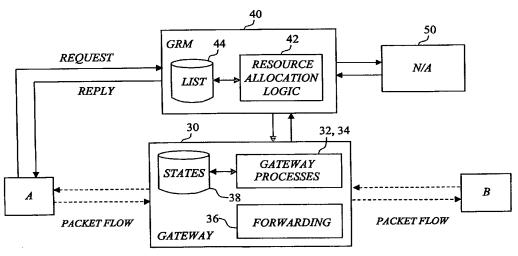
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(54) Title: METHOD AND SYSTEM FOR CENTRALLY ALLOCATING ADDRESSES AND PORT NUMBERS

(57) Abstract: An inside-realm node (A) that wants to connect to an outside-realm node (B) through an intermediate gateway (30) requests central configuration from a gateway resource manager (40). In response to the configuration request initiated from the inside-realm node, an outside-realm gateway address and an inside node port number are centrally allocated to the inside-realm node by resource allocation logic (42). Establishment of the connection is initiated at least partly based an the allocated address and port number by means of appropriate signaling with the gateway (30). The allocated address and port number are signaled back to the requesting inside-realm node in a configuration reply, allowing the inside-realm node to configure its communication interface accordingly. The central allocation of socket parameters for the inside-realm node is preferably performed based on predetermined connection information, which is included in or derivable, for example by means of the name-to-address translator (50), from the initial configuration request.

— *with amended claims*

For two-letter codes and other abbreviations, refer to the "Guid-ance Notes on Codes and Abbreviations" appearing at the begin-ning of each regular issue of the PCT Gazette.